

Title (en)
L-cysteine-producing microorganism and a method for producing L-cysteine

Title (de)
Verfahren zur Herstellung von L-Cystein, und L-Cystein-produzierender Mikroorganismus

Title (fr)
Microorganisme producteur de L-cystéine, et procédé de préparation de L-cystéine

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EP 1571223 A3 20051130 (EN)

Application
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Abstract (en)
[origin: EP1571223A2] L-cysteine is produced by culturing an Escherichia bacterium having L-cysteine producing ability and containing a gene encoding an O-acetylserine sulphydrylase B or MalY regulatory protein that is modified so that cysteine desulhydrase activity is reduced or eliminated. The bacterium is cultured in a medium to produce and cause accumulation of L-cysteine in the medium, and collecting L-cysteine from the medium.

IPC 1-7
C12P 13/12; **C12N 9/10**; **C12N 9/88**; **C12N 15/54**; **C12N 15/60**

IPC 8 full level
C12N 15/09 (2006.01); **C12N 1/21** (2006.01); **C12P 13/12** (2006.01)

CPC (source: EP US)
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Citation (search report)

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